



YEAR 9 – Maths Higher - KNOWLEDGE OVERVIEW: HALF TERM 2 SPRING 2021

Year group:		Unit:		Date (from and to):	
Week beginning:	Focus topic:	Learning intentions/ worksheet titles	Resources		
			Offline:	Online including links on how to access these:	
22/02/21	Percentages	<ul style="list-style-type: none"> - Percentage increase and decrease - Percentage change - Using the multiplier 	<p>Read and highlight the key concepts on pages 98 to 101.</p> <p>On page 102 answer the warm up questions.</p> <p>On page 103 answer exam questions.</p>	<p>www.teams.microsoft.com Live lessons, Lesson video recordings, and linked resources on MS Teams (<i>login from outlook email or download the app. Login with your normal login for school and email</i>). If you can't always access live lessons, you can check in when possible to keep up to date.</p>	
1/03/21 21	Fractions, decimals and percentages	<ul style="list-style-type: none"> - Calculate using fractions, decimals, percentages. - Convert a recurring decimal to a fraction 	<p>Read and highlight the key concepts on pages 6 to 11.</p> <p>On page 12 answer the warm up questions.</p> <p>On page 13 answer exam questions.</p>	<p>www.vle.mathswatch.co.uk Interactive self-marking homework including videos that can be found under each question to help. The homework backs up the learning in class learning. The completion of the Mathswatch tasks is compulsory, as this way the progress of each student can be seen. Even if you can't join live lessons, but you can access the internet at another time you should try the Mathswatch tasks to keep in touch with what the rest of the class are doing.</p>	
8/03/21	Angle properties of triangles and quadrilaterals.	<ul style="list-style-type: none"> - Angles in a triangle and quadrilateral - Special triangles and properties of quadrilaterals. - Exterior angles of triangles 	<p>Read and highlight the key concepts on pages 109 to 113.</p> <p>On page 114 answer the warm up questions.</p> <p>On page 115 answer exam questions</p>	<p><i>Email umahmood@w-h-s.org.uk if you need your login details</i></p>	

15/03/21	Angles and Pythagoras' Theorem	<ul style="list-style-type: none"> - Interior/ exterior angles of a (regular) polygon - Pythagoras theorem (fluency) - Pythagoras' theorem in context 	<p>Read and highlight the key concepts on pages 145 to 155.</p> <p>On page 157 answer the warm up questions.</p>	
22/03/21	Trigonometry	<p>Using trigonometry (to find length and angles)</p> <ul style="list-style-type: none"> - Find angles of elevation and depression) <p>(To continue next half term)</p>	<p>On page 158 answer exam questions.</p> <p>On page 159 work through the revision questions.</p>	